

# Automated Extraction of Crosswalk from High-resolution Images

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## Background

- Pedestrian crossing data are crucial in addressing pedestrians safety issues in roadway intersections

## Study Motivation

### Problem

- Agencies extract geometric information from images visually and manually
- Manual data extraction is time-consuming, costly, and prone to errors

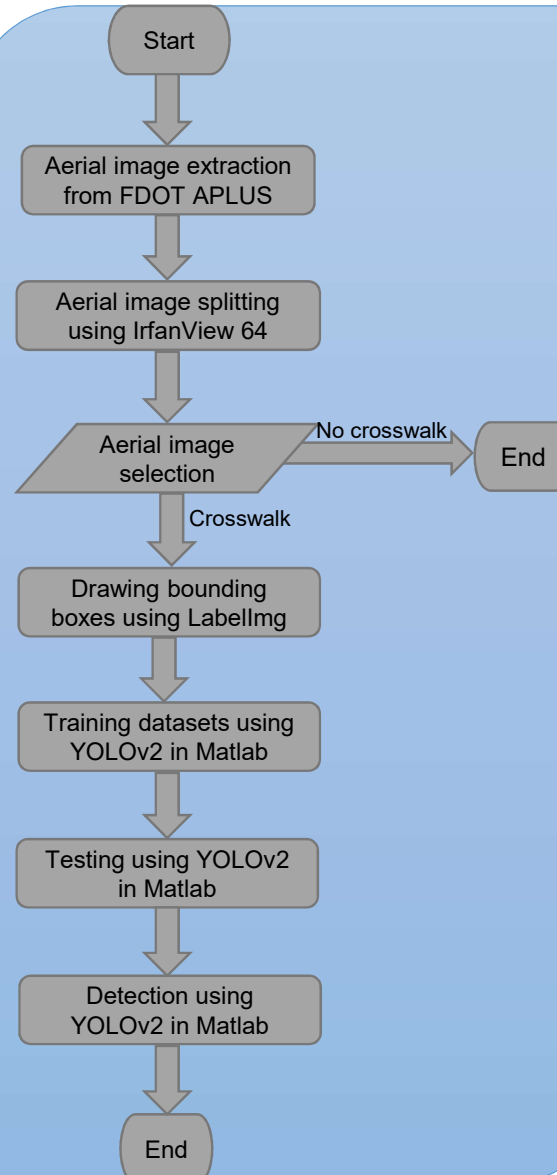
### Objective

- This study aims to develop an automated pedestrian crossing data extraction algorithm based on high-resolution images in order to identify crosswalks and mid-block crosswalks on roadway intersections

## Study Location

- The study area includes a number of intersections on Jacksonville and Tallahassee roadway intersections

## Methodology



## Conclusion

- This presentation discusses the framework of the automatic pedestrian crossing data extraction process starting with the data collection, processing, analysis and evaluation of the results